

## Recreational Interpretations

### **General**

The purpose of these interpretative ratings are to help engineers, planners, and others understand how soil properties influence behavior when used for recreational uses such as camp areas, picnic areas, playgrounds, and paths and trails. Soils are rated for the uses expected to be important or potentially important to users of soil survey information. Ratings for proposed uses are given in terms of limitations. Only the most restrictive features are listed. Other features may need to be treated to overcome soil limitations for a specific purpose.

Soils are rated in their "natural" state, that is, no unusual modification of the soil site or material is made other than that which is considered normal practice for the rated use. Even though soils may have limitations, it is important to remember that engineers and others can modify soil features or can design or adjust the plans for a recreational use to compensate for most degrees of limitations. Most of these practices are costly. The final decision in selecting a site for a particular use generally involves weighing the costs for site preparation and maintenance.

### **Limitation Ratings**

**SLIGHT** - is the rating given soils that have properties favorable for the use. The degree of limitation is minor and can be overcome easily. Good performance and low maintenance can be expected.

**MODERATE** - is the rating given soils that have properties moderately favorable for the use. This degree of limitation can be overcome or modified by special planning, design, or maintenance. During some part of the year, the expected performance is less desirable than for soils rated slight.

**SEVERE** - is the rating given soils that have one or more properties unfavorable for the rated use, such as steep slopes, bedrock near the surface, flooding, or a seasonal high water table. This degree of limitation generally requires major soil reclamation, special design, or intensive maintenance, which in most situations is difficult and costly.

Other important consideration for evaluating a site include:

- ✓ Location and accessibility of the area
- ✓ Size and shape of the area and its scenic quality
- ✓ The ability of the soil to support vegetation
- ✓ Access to water
- ✓ Potential water impoundment sites available
- ✓ Access to public sewer lines or capacity of the soil to absorb septic tank effluent.

### **Camp Areas**

These are tracts of land used intensively as sites for tents, trailers, campers, and accompanying activities of outdoor living. Camp areas require such site preparation as shaping and leveling in areas for tents and parking areas, for stabilizing roads and intensively used areas, and for installing sanitary facilities and utility lines. Camp areas

are subject to heavy foot traffic and some vehicular traffic. The soils are rated on the basis of soil properties that influence the ease of developing camping area and the performance of the camping area after development. Soil properties that influence trafficability and promote the growth of vegetation after heavy use are also important.

### ***Picnic Areas***

Picnic areas are natural or landscaped tracts used primarily for preparing meals and eating outdoors. These areas are subject to heavy foot traffic. Most vehicular traffic is confined to access roads and parking lots. Soils are rated on the basis of properties that influence development costs of shaping the site, trafficability, and growth of vegetation after development. The surface of picnic areas should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry.

### ***Playgrounds***

These are areas used intensively for games such as baseball, football, and similar activities. Playgrounds require a nearly level soil that is free of stones and that can withstand heavy foot traffic and still maintain adequate vegetation. Soils are rated on the basis of properties that influence cost of shaping, trafficability, and growth of vegetation. Slope and stoniness are the main concerns in developing playgrounds. For good trafficability, the surface of playgrounds should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry.

### ***Paths and Trails***

Paths and trails are used for walking, horseback riding, and similar uses, and should require little or no cutting and filling in site preparation. Soils are rated on properties that influence trafficability and erodibility. Paths and trails should remain firm under foot traffic and not be dusty when dry.

*This subsection includes:*

- **Recreational Site Development**

Madison County, Missouri: Detailed Soil Map Legend  
Recreation Site Development

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73055: Alred-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~small stones (very limited)	1.00	Limited ~slope (limited)	0.92
	~small stones (very limited)	1.00	~small stones (very limited)	1.00	~slope (very limited)	1.00	~large surface stones (limited)	0.70
	~large surface stones (limited)	0.70	~large surface stones (limited)	0.70	~percs slowly (slightly limited)	0.18	~small stones (slightly limited)	0.12
Rueter-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Limited ~slope (limited)	0.92
	~small stones (very limited)	1.00	~small stones (very limited)	1.00	~small stones (very limited)	1.00	~large surface stones (limited)	0.70
	~large surface stones (limited)	0.70	~large surface stones (limited)	0.70	~large stones (limited)	0.80	~small stones (slightly limited)	0.08
73139: Poynor-----	Limited ~small stones (limited)	0.69	Limited ~small stones (limited)	0.69	Very limited ~slope (very limited)	1.00	Slightly limited ~large surface stones (slightly limited)	0.17
	~slope (limited)	0.63	~slope (limited)	0.63	~small stones (very limited)	1.00		
	~percs slowly (slightly limited)	0.18	~percs slowly (slightly limited)	0.18	~percs slowly (slightly limited)	0.18		
Clarksville-----	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63	Very limited ~slope (very limited)	1.00	Slightly limited ~large surface stones (slightly limited)	0.17
	~small stones (moderately limited)	0.31	~small stones (moderately limited)	0.31	~small stones (very limited)	1.00		
	~large surface stones (slightly limited)	0.17	~large surface stones (slightly limited)	0.17				

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73139: (cont) Scholten-----	Very limited ~wetness (very limited)	1.00	Very limited ~percs slowly (very limited)	1.00	Very limited ~wetness (very limited)	1.00	Limited ~wetness (limited)	0.78
	~percs slowly (very limited)	1.00	~wetness (limited)	0.78	~slope (very limited)	1.00	~large surface stones (slightly limited)	0.17
	~slope (limited)	0.63	~slope (limited)	0.63	~percs slowly (very limited)	1.00		
73140: Clarksville-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~small stones (limited)	0.82	~small stones (limited)	0.82	~small stones (very limited)	1.00	~large surface stones (limited)	0.70
	~large surface stones (limited)	0.70	~large surface stones (limited)	0.70	~too acid (moderately limited)	0.44		
Scholten-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~small stones (very limited)	1.00	Limited ~slope (limited)	0.92
	~percs slowly (very limited)	1.00	~percs slowly (very limited)	1.00	~slope (very limited)	1.00	~small stones (limited)	0.80
	~small stones (very limited)	1.00	~small stones (very limited)	1.00	~percs slowly (very limited)	1.00	~large surface stones (limited)	0.70
73141: Firebaugh-----	Limited ~wetness (limited)	0.65	Moderately limited ~percs slowly (moderately limited)	0.39	Limited ~slope (limited)	0.98	Moderately limited ~wetness (moderately limited)	0.39
	~percs slowly (moderately limited)	0.39	~wetness (moderately limited)	0.39	~wetness (limited)	0.65		
	~too acid (slightly limited)	0.12	~too acid (slightly limited)	0.12	~percs slowly (moderately limited)	0.39		

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73142: Firebaugh-----	Limited ~wetness (limited) ~slope (limited) ~percs slowly (moderately limited)	0.65  0.63  0.39	Limited ~slope (limited) ~percs slowly (moderately limited) ~wetness (moderately limited)	0.63  0.39  0.39	Very limited ~slope (very limited) ~wetness (limited) ~small stones (moderately limited)	1.00  0.65  0.48	Very limited ~erodes easily (very limited) ~wetness (moderately limited)	1.00   0.39
73143: Courtois-----	Not limited		Not limited		Limited ~small stones (limited) ~slope (limited)	0.92  0.78	Not limited	
73144: Courtois-----	Moderately limited ~slope (moderately limited)	0.37	Moderately limited ~slope (moderately limited)	0.37	Very limited ~slope (very limited) ~small stones (limited)	1.00  0.68	Very limited ~erodes easily (very limited)	1.00
73145: Crider-----	Not limited		Not limited		Limited ~slope (limited)	0.78	Not limited	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73146: Marquand-----	Moderately limited ~wetness (moderately limited) ~percs slowly (slightly limited)	0.37  0.13	Slightly limited ~wetness (slightly limited) ~percs slowly (slightly limited)	0.15  0.13	Limited ~slope (limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	0.98  0.37 0.13	Slightly limited ~wetness (slightly limited)	0.15
73147: Fourche-----	Slightly limited ~percs slowly (slightly limited)	0.13	Slightly limited ~percs slowly (slightly limited)	0.13	Limited ~slope (limited) ~percs slowly (slightly limited)	0.78  0.13	Not limited	
73148: Jonca-----	Moderately limited ~percs slowly (moderately limited) ~too acid (slightly limited)	0.57  0.24	Moderately limited ~percs slowly (moderately limited) ~too acid (slightly limited)	0.57  0.24	Limited ~slope (limited) ~percs slowly (moderately limited) ~too acid (slightly limited)	0.98  0.57 0.24	Not limited	
73149: Caneyville-----	Slightly limited ~percs slowly (slightly limited)	0.13	Slightly limited ~percs slowly (slightly limited)	0.13	Limited ~slope (limited) ~small stones (moderately limited) ~depth to bedrock (slightly limited)	0.98  0.30 0.30	Not limited	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73149: (cont) Bucklick-----	Not limited		Not limited		Limited ~slope (limited)	0.98	Not limited	
73150: Caneyville-----	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63  0.13	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63  0.13	Very limited ~slope (very limited) ~small stones (moderately limited) ~depth to bedrock (slightly limited)	1.00  0.30 0.30	Not limited	
Bucklick-----	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63	Very limited ~slope (very limited)	1.00	Not limited	
73151: Caneyville-----	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~slope (very limited) ~small stones (moderately limited) ~depth to bedrock (slightly limited)	1.00  0.30 0.28	Moderately limited ~slope (moderately limited)	0.50
Gasconade-----	Very limited ~slope (very limited) ~too clayey (very limited) ~shallow to bedrock (limited)	1.00  1.00 0.90	Very limited ~slope (very limited) ~too clayey (very limited) ~shallow to bedrock (limited)	1.00  1.00 0.90	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~large stones >25% (very limited)	1.00  1.00 1.00	Very limited ~too clayey (very limited) ~slope (moderately limited) ~large stones (moderately limited)	1.00  0.50 0.42

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73151: (cont) Bucklick-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Moderately limited ~slope (moderately limited)	0.50
73152: Lily-----	Not limited		Not limited		Limited ~slope (limited) ~depth to bedrock (moderately limited)	0.98  0.60	Not limited	
Ramsey-----	Limited ~shallow to bedrock (limited) ~too acid (slightly limited)	0.90  0.18	Limited ~shallow to bedrock (limited) ~too acid (slightly limited)	0.90  0.18	Very limited ~shallow to bedrock (very limited) ~slope (limited) ~too acid (slightly limited)	1.00  0.98  0.18	Not limited	
73153: Lily-----	Limited ~slope (limited) ~too acid (slightly limited)	0.63  0.06	Limited ~slope (limited) ~too acid (slightly limited)	0.63  0.06	Very limited ~slope (very limited) ~depth to bedrock (moderately limited) ~small stones (slightly limited)	1.00  0.60  0.18	Not limited	



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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73153: (cont) Ramsey-----	Limited ~shallow to bedrock (limited) ~slope (limited) ~too acid (slightly limited)	0.90 0.63 0.18	Limited ~shallow to bedrock (limited) ~slope (limited) ~too acid (slightly limited)	0.90 0.63 0.18	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~too acid (slightly limited)	1.00 1.00 0.18	Not limited	
73154: Ramsey-----	Very limited ~slope (very limited) ~shallow to bedrock (limited) ~too acid (slightly limited)	1.00 0.90 0.18	Very limited ~slope (very limited) ~shallow to bedrock (limited) ~too acid (slightly limited)	1.00 0.90 0.18	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~too acid (slightly limited)	1.00 1.00 0.18	Slightly limited ~slope (slightly limited)	0.25
Rock outcrop-----	Not rated		Not rated		Not rated		Not rated	
73155: Gasconade-----	Very limited ~slope (very limited) ~too clayey (very limited) ~shallow to bedrock (limited)	1.00 1.00 0.90	Very limited ~slope (very limited) ~too clayey (very limited) ~shallow to bedrock (limited)	1.00 1.00 0.90	Very limited ~shallow to bedrock (very limited) ~slope (very limited) ~too clayey (very limited)	1.00 1.00 1.00	Very limited ~too clayey (very limited) ~slope (moderately limited)	1.00 0.33
Rock outcrop-----	Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
73156: Alred-----	Limited ~slope (limited) ~percs slowly (slightly limited) ~large surface stones (slightly limited)	0.63  0.18  0.17	Limited ~slope (limited) ~percs slowly (slightly limited) ~large surface stones (slightly limited)	0.63  0.18  0.17	Very limited ~slope (very limited) ~small stones (moderately limited) ~percs slowly (slightly limited)	1.00  0.36  0.18	Slightly limited ~large surface stones (slightly limited)	0.17
Gepp-----	Very limited ~small stones (very limited) ~slope (limited) ~too acid (slightly limited)	1.00  0.63  0.30	Very limited ~small stones (very limited) ~slope (limited) ~too acid (slightly limited)	1.00  0.63  0.30	Very limited ~small stones (very limited) ~slope (very limited) ~too acid (slightly limited)	1.00  1.00  0.30	Slightly limited ~large surface stones (slightly limited) ~small stones (slightly limited)	0.17  0.12
73157: Captina-----	Moderately limited ~percs slowly (moderately limited) ~wetness (moderately limited)	0.39  0.35	Moderately limited ~percs slowly (moderately limited) ~wetness (slightly limited)	0.39  0.13	Limited ~slope (limited) ~percs slowly (moderately limited) ~wetness (moderately limited)	0.98  0.39  0.35	Slightly limited ~wetness (slightly limited)	0.13
74644: Deible-----	Very limited ~wetness (very limited) ~percs slowly (very limited)	1.00  1.00	Very limited ~wetness (very limited) ~percs slowly (very limited)	1.00  1.00	Very limited ~wetness (very limited) ~percs slowly (very limited)	1.00  1.00	Very limited ~wetness (very limited)	1.00

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
74645: Higdon-----	Limited ~wetness (limited) ~percs slowly (slightly limited)	0.96  0.13	Limited ~wetness (limited) ~percs slowly (slightly limited)	0.60  0.13	Limited ~wetness (limited) ~percs slowly (slightly limited)	0.96  0.13	Limited ~wetness (limited)	0.60
74646: Cornwall-----	Moderately limited ~percs slowly (moderately limited) ~wetness (moderately limited)	0.39  0.35	Moderately limited ~percs slowly (moderately limited) ~wetness (slightly limited)	0.39  0.13	Limited ~slope (limited) ~percs slowly (moderately limited) ~wetness (moderately limited)	0.98  0.39 0.35	Slightly limited ~wetness (slightly limited)	0.13
74647: Cornwall-----	Limited ~slope (limited) ~percs slowly (moderately limited) ~wetness (moderately limited)	0.63  0.39 0.35	Limited ~slope (limited) ~percs slowly (moderately limited) ~wetness (slightly limited)	0.63  0.39 0.13	Very limited ~slope (very limited) ~percs slowly (moderately limited) ~wetness (moderately limited)	1.00  0.39 0.35	Very limited ~erodes easily (very limited) ~wetness (slightly limited)	1.00  0.13
74648: Aslinger-----	Moderately limited ~wetness (moderately limited) ~percs slowly (slightly limited)	0.50  0.13	Slightly limited ~wetness (slightly limited) ~percs slowly (slightly limited)	0.28  0.13	Limited ~slope (limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	0.98  0.50 0.13	Slightly limited ~wetness (slightly limited)	0.28

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
74649: Aslinger-----	Moderately limited ~wetness (moderately limited) ~too acid (slightly limited) ~percs slowly (slightly limited)	0.50  0.30  0.13	Slightly limited ~too acid (slightly limited) ~wetness (slightly limited) ~percs slowly (slightly limited)	0.30  0.28  0.13	Very limited ~slope (very limited) ~wetness (moderately limited) ~too acid (slightly limited)	1.00  0.50  0.30	Very limited ~erodes easily (very limited) ~wetness (slightly limited)	1.00   0.28
Waben-----	Not limited		Not limited		Limited ~small stones (limited) ~slope (limited) ~large stones (slightly limited)	0.84  0.78  0.18	Not limited	
74650: Higdon-----	Very limited ~flooding (very limited) ~wetness (limited) ~percs slowly (slightly limited)	1.00  0.96  0.13	Limited ~wetness (limited) ~percs slowly (slightly limited)	0.60  0.13	Limited ~wetness (limited) ~flooding (moderately limited) ~percs slowly (slightly limited)	0.96  0.60  0.13	Limited ~wetness (limited)	0.60
74684: Racoon-----	Very limited ~wetness (very limited) ~flooding (rare) (limited) ~percs slowly (slightly limited)	1.00  0.90  0.13	Very limited ~wetness (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~wetness (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~wetness (very limited)	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
75381: Bearthicket-----	Limited ~flooding (rare) (limited)	0.90	Not limited		Not limited		Not limited	
75395: Jamesfin-----	Very limited ~flooding (very limited)	1.00	Not limited		Moderately limited ~flooding (moderately limited)	0.60	Not limited	
75408: Secesh-----	Limited ~flooding (rare) (limited)	0.90	Not limited		Limited ~small stones (limited)	0.92	Not limited	
75409: Relfe-----	Very limited ~flooding (very limited)	1.00	Not limited		Limited ~small stones (limited) ~flooding (moderately limited)	0.84 0.60	Not limited	
75410: Relfe-----	Very limited ~flooding (very limited) ~small stones (slightly limited)	1.00 0.21	Moderately limited ~flooding (moderately limited) ~small stones (slightly limited)	0.60 0.21	Very limited ~flooding (very limited) ~small stones (very limited)	1.00 1.00	Moderately limited ~flooding (moderately limited)	0.60

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
75411: Tilk-----	Very limited ~small stones (very limited) ~flooding (rare) (limited)	1.00  0.90	Very limited ~small stones (very limited)	1.00	Very limited ~small stones (very limited) ~large stones (slightly limited)	1.00  0.30	Limited ~small stones (limited)	0.78
75416: Gladden-----	Very limited ~flooding (very limited)	1.00	Not limited		Moderately limited ~flooding (moderately limited)	0.60	Not limited	
77000: Killarney-----	Very limited ~slope (very limited) ~large surface stones (very limited) ~percs slowly (very limited)	1.00  1.00  1.00	Very limited ~large surface stones (very limited) ~slope (very limited) ~percs slowly (very limited)	1.00  1.00  1.00	Very limited ~slope (very limited) ~percs slowly (very limited) ~small stones (very limited)	1.00  1.00  1.00	Very limited ~large surface stones (very limited) ~slope (very limited)	1.00  1.00
Frenchmill-----	Very limited ~slope (very limited) ~large surface stones (very limited) ~small stones (moderately limited)	1.00  1.00  0.43	Very limited ~large surface stones (very limited) ~slope (very limited) ~small stones (moderately limited)	1.00  1.00  0.43	Very limited ~slope (very limited) ~large stones >25% (very limited) ~small stones (very limited)	1.00  1.00  1.00	Very limited ~large surface stones (very limited) ~slope (very limited) ~large stones (slightly limited)	1.00  1.00  0.06

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
77001: Loughboro-----	Very limited ~wetness (very limited) ~percs slowly (moderately limited)	1.00  0.39	Limited ~wetness (limited) ~percs slowly (moderately limited)	0.81  0.39	Very limited ~wetness (very limited) ~percs slowly (moderately limited)	1.00  0.39	Limited ~wetness (limited)	0.81
77002: Delassus-----	Very limited ~percs slowly (very limited) ~wetness (moderately limited)	1.00  0.41	Very limited ~percs slowly (very limited) ~wetness (slightly limited)	1.00  0.19	Very limited ~percs slowly (very limited) ~slope (limited) ~wetness (moderately limited)	1.00  0.98  0.41	Slightly limited ~wetness (slightly limited)	0.19
77003: Delassus-----	Limited ~large surface stones (limited) ~slope (limited) ~small stones (moderately limited)	0.70  0.63  0.51	Limited ~large surface stones (limited) ~slope (limited) ~small stones (moderately limited)	0.70  0.63  0.51	Very limited ~slope (very limited) ~large stones >25% (very limited) ~small stones (very limited)	1.00  1.00  1.00	Limited ~large surface stones (limited) ~large stones (moderately limited) ~wetness (slightly limited)	0.70  0.38  0.19
77004: Irondale-----	Very limited ~slope (very limited) ~large surface stones (very limited) ~small stones (limited)	1.00  1.00  0.91	Very limited ~slope (very limited) ~large surface stones (very limited) ~small stones (limited)	1.00  1.00  0.91	Very limited ~slope (very limited) ~small stones (very limited) ~depth to bedrock (limited)	1.00  1.00  0.86	Very limited ~large surface stones (very limited) ~slope (limited)	1.00  0.92

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
77005: Hassler-----	Very limited ~slope (very limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	1.00  0.43  0.17	Very limited ~slope (very limited) ~wetness (slightly limited) ~percs slowly (slightly limited)	1.00  0.21  0.17	Very limited ~slope (very limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	1.00  0.43  0.17	Slightly limited ~wetness (slightly limited) ~slope (slightly limited) ~large surface stones (slightly limited)	 0.21  0.17 0.17
Syenite-----	Very limited ~slope (very limited) ~too acid (slightly limited) ~percs slowly (slightly limited)	1.00  0.18  0.17	Very limited ~slope (very limited) ~too acid (slightly limited) ~percs slowly (slightly limited)	1.00  0.18  0.17	Very limited ~slope (very limited) ~depth to bedrock (moderately limited) ~large stones (slightly limited)	1.00  0.35  0.18	Moderately limited ~slope (moderately limited) ~large surface stones (slightly limited)	 0.33  0.17
77006: Roselle-----	Moderately limited ~percs slowly (moderately limited)	 0.39	Moderately limited ~percs slowly (moderately limited)	 0.39	Limited ~slope (limited) ~percs slowly (moderately limited)	 0.98  0.39	Not limited	
77007: Taumsauk-----	Very limited ~slope (very limited) ~large surface stones (very limited) ~shallow to bedrock (limited)	1.00  1.00  0.90	Very limited ~slope (very limited) ~large surface stones (very limited) ~shallow to bedrock (limited)	1.00  1.00  0.90	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~small stones (very limited)	1.00  1.00  1.00	Very limited ~large surface stones (very limited) ~slope (limited)	1.00  0.92



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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
77007: (cont) Irondale-----	Very limited ~slope (very limited) ~large surface stones (very limited) ~small stones (very limited)	1.00 1.00 1.00	Very limited ~slope (very limited) ~large surface stones (very limited) ~small stones (very limited)	1.00 1.00 1.00	Very limited ~slope (very limited) ~small stones (very limited) ~depth to bedrock (limited)	1.00 1.00 0.86	Very limited ~large surface stones (very limited) ~slope (limited) ~small stones (slightly limited)	1.00 0.92 0.26
Rock outcrop-----	Not rated		Not rated		Not rated		Not rated	
77008: Hassler-----	Moderately limited ~wetness (moderately limited) ~percs slowly (slightly limited) ~large surface stones (slightly limited)	0.43 0.17 0.17	Slightly limited ~wetness (slightly limited) ~percs slowly (slightly limited) ~large surface stones (slightly limited)	0.21 0.17 0.17	Very limited ~slope (very limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	1.00 0.43 0.17	Slightly limited ~wetness (slightly limited) ~large surface stones (slightly limited)	0.21 0.17
77009: Trackler-----	Moderately limited ~wetness (moderately limited) ~percs slowly (slightly limited)	0.41 0.13	Slightly limited ~wetness (slightly limited) ~percs slowly (slightly limited)	0.19 0.13	Limited ~slope (limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	0.98 0.41 0.13	Slightly limited ~wetness (slightly limited)	0.19

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
77010: Trackler-----	Moderately limited ~wetness (moderately limited) ~slope (moderately limited) ~percs slowly (slightly limited)	0.41  0.37  0.13	Moderately limited ~slope (moderately limited) ~wetness (slightly limited) ~percs slowly (slightly limited)	0.37  0.19  0.13	Very limited ~slope (very limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	1.00  0.41  0.13	Very limited ~erodes easily (very limited) ~wetness (slightly limited)	1.00   0.19
Irondale-----	Very limited ~large surface stones (very limited) ~small stones (very limited) ~slope (moderately limited)	1.00  1.00  0.37	Very limited ~large surface stones (very limited) ~small stones (very limited) ~slope (moderately limited)	1.00  1.00  0.37	Very limited ~slope (very limited) ~small stones (very limited) ~depth to bedrock (limited)	1.00  1.00  0.86	Very limited ~large surface stones (very limited) ~small stones (limited)	1.00   0.68
78250: Skrainka-----	Slightly limited ~percs slowly (slightly limited)	0.17	Slightly limited ~percs slowly (slightly limited)	0.17	Limited ~slope (limited) ~percs slowly (slightly limited)	0.98  0.17	Not limited	
78251: Skrainka-----	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63  0.17	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63  0.17	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00  0.17	Not limited	
99001: Water-----	Not rated		Not rated		Not rated		Not rated	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
99006: Udipsamments-----	Not Rated Not Rated  ~too sandy (moderately limited)	   0.50	Not Rated Not Rated  ~too sandy (moderately limited)	   0.50	Not Rated Not Rated  ~too sandy (moderately limited) ~slope (slightly limited)	   0.50 0.10	Moderately limited ~too sandy (moderately limited)	0.50
99008: Udorthents-----	Not Rated		Not Rated		Not Rated		Not Rated	
Dumps-----	Not rated		Not rated		Not rated		Not rated	